CLAIMS

I claim:

1. A kit for quickly performing a plurality of microbiological test(s) on a broth culture, wherein more than one type of microorganism may exist and comprising:

a. said broth culture, previously inoculated with a microbial sample, providing sufficient numbers of microorganisms for said microbiological test(s) and

b. a kit plate comprising a plurality of test chambers comprising a plurality of identification testing media and antimicrobial susceptibility testing media and

c. antimicrobial impregnated carriers for use with said antimicrobial susceptibility testing media

whereby rapid said microbiological tests, comprising concurrent identification testing and antimicrobial susceptibility testing of one to several microorganism types from said microbial sample, may be performed

2. The kit of claim 1 wherein said broth comprises a rich liquid media sufficient for rapid growth of microorganisms.

3. The kit of claim 1 wherein said broth may be selective for a particular type of microorganism.

4. The kit of claim 1 wherein said broth may support the growth of anaerobic microorganisms.

5. The kit of claim 1 wherein said kit plate comprises a plurality of said test chambers comprising a plurality of solid media

6. The kit of claim 1 wherein said kit plate is polystyrene with a lid of similar composition.

7. The kit of claim 1 wherein said test chambers of said kit plate are rectangular with sides of any convenient dimension

8. The kit of claim 1 wherein said kit plate comprises at least 10 said test chambers comprising selective said identification testing media and said susceptibility testing media.

9. The kit of claim 1 wherein said kit plate comprises at least 10 chambers comprising differential said identification testing media and said susceptibility testing media

10. The kit of claim 1 wherein said kit plate comprises at least 10 chambers comprising differential-selective said identification testing media and said susceptibility testing media

11. The kit of claim 1 wherein said kit plate comprises at least 10 chambers comprising single purpose said identification testing media and said susceptibility testing media

12. The kit of claim 1 wherein said kit plate comprises at least 10 chambers comprising enriched said identification testing media and said susceptibility testing media

13. The kit of claim 1 wherein said kit plate comprises at least 10 chambers comprising a combination of said enriched, said selective, said special purpose, said differential-selective, and said differential identification testing media and said susceptibility testing media.

14. The kit of claim 1 wherein said antimicrobial impregnated carriers are produced from standard Kirby-Bauer disk-diffusion antimicrobial disks divided into quarters for placement onto a corner of the susceptibility chamber

15. The kit of claim 1 wherein said antimicrobial impregnated carriers can be constructed from any material that acts as an inert carrier of the antimicrobial agent.

16. A method for quickly performing a plurality of said microbiological test(s) on said broth cultured microbial sample where several different microorganism types may exist and comprising the steps of:

a. providing said broth for rapid cultivation of said microbial sample and

b. providing growth of said microbial sample's microorganisms in said broth culture and providing said kit plate with a plurality of test chambers comprising microbiological testing media and

d. providing inoculation of said kit plate with dilutions from said broth culture and

e. providing incubation of said plate for sufficient time to reveal colonies , biochemistries and susceptibilities and

f. providing said microbiological testing on said plate comprising said identification testing and said antimicrobial susceptibility testing which may involve more than one said microorganism type in the same said test chamber and

whereby rapid said microbiological tests comprising concurrent said identification testing and said antimicrobial susceptibility testing of one to several said microorganism types from said microbial sample may be performed.

17. The method of claim 16 wherein said broth is incubated from 4 to 8 hrs from an inoculation of said microbial sample.

18. The method of claim 17 wherein the incubated broth is diluted to several different concentrations and inoculated onto said kit plate where the more dilute inoculation produces individual colonies of said microorganisms for identification.

19. The method of claim 18 wherein said individual colonies are further analyzed to reveal identification of the different types of said microorganisms contained in the same said test chambers.

20. The method of claim 18 wherein the greater concentration dilution produces a lawn of the several said microorganism types within the same said test chambers, and where comprising said susceptibility testing media, these different microorganism types are susceptibility tested.